This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

1. (Currently Amended): A compound Compounds of the formula I

in which

- D denotes a mono- or bicyclic aromatic carbo- or heterocycle having 0 to 4 N, O and/or S atoms which is unsubstituted or mono- or polysubstituted by Hal, A,  $OR^2$ ,  $N(R^2)_2$ ,  $NO_2$ , CN,  $COOR^2$ ,  $CON(R^2)_2$  or  $-C \equiv CH$ ,
- X denotes  $NR^3$  or O,
- Y denotes O, S, NH, N-CN or N-NO<sub>2</sub>,
- R<sup>1</sup> denotes H, Ar, Het, or cycloalkyl, or
- $\underline{R^1}$  may also be A [[,]] which is optionally may be mono-, di- or trisubstituted by  $OR^2$ ,  $SR^2$ ,  $S(O)_mR^2$ ,  $SO_2N(R^2)_2$ ,  $SO_3R^2$ ,  $S(=O)(=NR^2)R^2$ ,  $NR^2SO_2R^2$ ,  $OSO_2N(R^2)_2$ ,  $N(R^2)_2$ , CN,  $COOR^2$ ,  $CON(R^2)_2$ , Ar, Het or cycloalkyl,
- E denotes CH or N,
- Z is absent or denotes a  $(CH_2)_q$  group, in which one or two  $CH_2$  groups may be replaced by N, O and/or S atoms and/or by a -CH=CH- group and which is unsubstituted or monosubstituted by carbonyl oxygen (=O),
- Z' is absent or denotes a  $(CH_2)_{q'}$  group, in which one or two  $CH_2$  groups may be replaced by N, O and/or S atoms and/or by a -CH=CH- group and which is unsubstituted or monosubstituted by carbonyl oxygen (=O),
- Q is absent or denotes O,  $NR^2$ , C=O,  $SO_2$  or  $C(R^2)_n$ ,
- R<sup>2</sup> denotes H, A,  $-[C(R^3)_2]_n$ -Ar',  $-[C(R^3)_2]_n$ -Het',  $-[C(R^3)_2]_n$ -cycloalkyl,  $-[C(R^3)_2]_n$ -N(R<sup>3</sup>)<sub>2</sub> or  $-[C(R^3)_2]_n$ -OR<sup>3</sup>,
- R<sup>3</sup> denotes H or A,

- $R^4$ ,  $R^{4'}$  each, independently of one another, is absent or denote A, OH or OA, <u>or</u>  $R^4$  and  $R^4$  together <u>also</u> denote methylene or ethylene,
- denotes a mono- or bicyclic saturated, unsaturated or aromatic carbo- or heterocycle having 0 to 4 N, O and/or S atoms, which may be mono-, di- or trisubstituted by =O, =S, =NH, =NR<sup>3</sup>, =NOR<sup>3</sup>, =NCOR<sup>3</sup>, =NCOOR<sup>3</sup>, =NOCOR<sup>3</sup>, R<sup>3</sup>, Hal, A, -[C(R<sup>3</sup>)<sub>2</sub>]<sub>n</sub>-Ar, -[C(R<sup>3</sup>)<sub>2</sub>]<sub>n</sub>-Het, -[C(R<sup>3</sup>)<sub>2</sub>]<sub>n</sub>-cycloalkyl, OR<sup>3</sup>, N(R<sup>3</sup>)<sub>2</sub>, NO<sub>2</sub>, CN, COOR<sup>3</sup>, CON(R<sup>3</sup>)<sub>2</sub>, NR<sup>3</sup>COA, NR<sup>3</sup>CON(R<sup>3</sup>)<sub>2</sub>, NR<sup>3</sup>SO<sub>2</sub>A, COR<sup>3</sup>, SO<sub>2</sub>NR<sup>2</sup> and/or S(O)<sub>n</sub>A,
- A denotes unbranched or branched alkyl having 1-10 C atoms, in which one or two CH<sub>2</sub> groups may be replaced by O or S atoms and/or by -CH=CH- groups and/or also 1-7 H atoms may be replaced by F,
- Ar denotes phenyl, naphthyl or biphenyl, each of which is unsubstituted or mono-, di- or trisubstituted by Hal, A,  $OR^2$ ,  $N(R^2)_2$ ,  $NO_2$ , CN,  $COOR^2$ ,  $CON(R^2)_2$ ,  $NR^2COA$ ,  $NR^2SO_2A$ ,  $COR^2$ ,  $SO_2N(R^2)_2$ ,  $-[C(R^3)_2]_n$ - $COOR^2$ ,  $-O-[C(R^3)_2]_o$ - $COOR^2$ ,  $SO_3H$  or  $S(O)_nA$ ,
- Ar' denotes phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal, A, OR<sup>3</sup>, N(R<sup>3</sup>)<sub>2</sub>, NO<sub>2</sub>, CN, COOR<sup>3</sup>, CON(R<sup>3</sup>)<sub>2</sub>, NR<sup>3</sup>COA, NR<sup>3</sup>CON(R<sup>3</sup>)<sub>2</sub>, NR<sup>3</sup>SO<sub>2</sub>A, COR<sup>3</sup>, SO<sub>2</sub>N(R<sup>3</sup>)<sub>2</sub>, S(O)<sub>n</sub>A, -[C(R<sup>3</sup>)<sub>2</sub>]<sub>n</sub>-COOR<sup>3</sup> or -O-[C(R<sup>3</sup>)<sub>2</sub>]<sub>o</sub>-COOR<sup>3</sup>,
- Het denotes a mono- or bicyclic saturated, unsaturated or aromatic heterocycle having 1 to 4 N, O and/or S atoms, which may be unsubstituted or mono-, di- or trisubstituted by carbonyl oxygen (=O), =S, =N(R²)<sub>2</sub>, Hal, A, -[C(R³)<sub>2</sub>]<sub>n</sub>-Ar, -[C(R³)<sub>2</sub>]<sub>n</sub>-Het', -[C(R³)<sub>2</sub>]<sub>n</sub>-cycloalkyl, -[C(R³)<sub>2</sub>]<sub>n</sub>-OR², -[C(R³)<sub>2</sub>]<sub>n</sub>-N(R³)<sub>2</sub>, NO<sub>2</sub>, CN, -[C(R³)<sub>2</sub>]<sub>n</sub>-COOR², -[C(R³)<sub>2</sub>]<sub>n</sub>-CON(R²)<sub>2</sub>, -[C(R³)<sub>2</sub>]<sub>n</sub>-NR²COA, NR²CON(R²)<sub>2</sub>, -[C(R³)<sub>2</sub>]<sub>n</sub>-NR²SO<sub>2</sub>A, COR², SO<sub>2</sub>N(R²)<sub>2</sub> and/or S(O)<sub>n</sub>A,
- Het' denotes a mono- or bicyclic saturated, unsaturated or aromatic heterocycle having 1 to 4 N, O and/or S atoms, which may be unsubstituted or mono- or disubstituted by carbonyl oxygen, =S, =N(R<sup>3</sup>)<sub>2</sub>, Hal, A, OR<sup>3</sup>, N(R<sup>3</sup>)<sub>2</sub>, NO<sub>2</sub>, CN, COOR<sup>3</sup>, CON(R<sup>3</sup>)<sub>2</sub>, NR<sup>3</sup>COA, NR<sup>3</sup>CON(R<sup>3</sup>)<sub>2</sub>, NR<sup>3</sup>SO<sub>2</sub>A, COR<sup>3</sup>, SO<sub>2</sub>N(R<sup>3</sup>)<sub>2</sub> and/or S(O)<sub>n</sub>A,
- Hal denotes F, Cl, Br or I,
- m denotes 1 or 2,
- n denotes 0, 1 or 2,
- o denotes 1, 2 or 3,

- p denotes 1, 2, 3, 4 or 5,
- q, q' each, independently of one another, denote 0, 1, 2, 3 or 4, where at least one of the groups Z or Z' is present, and  $0 < q + q' \le 6$ ,

and pharmaceutically usable derivatives, solvates, salts and stereoisomers thereof, including mixtures thereof in all ratios.

- 2. (Currently Amended): <u>A compound Compounds</u> according to Claim 1, in which D denotes phenyl which is unsubstituted or mono- or disubstituted by Hal, A, OR<sup>2</sup> or COOR<sup>2</sup>, or pyridyl which is unsubstituted or monosubstituted by Hal, and pharmaceutically usable derivatives, solvates, salts and stereoisomers thereof, including mixtures thereof in all ratios.
- 3. (Currently Amended): <u>A compound Compounds</u> according to Claim 1, in which D denotes phenyl which is monosubstituted by Hal, and pharmaceutically usable derivatives, solvates, salts and stereoisomers thereof, including mixtures thereof in all ratios.
- 4. (Currently Amended): <u>A compound Compounds</u> according to Claim 1, in which R<sup>2</sup> denotes H or A, and pharmaceutically usable derivatives, solvates, salts and stereo-isomers thereof, including mixtures thereof in all ratios.
- 5. (Currently Amended): <u>A compound Compounds</u> according to Claim 1, in which T denotes

a mono- or bicyclic saturated, unsaturated or aromatic heterocycle having 1 to 2 N, O and/or S atoms, which may be unsubstituted or mono- or disubstituted by A or carbonyl oxygen (=O), <u>or</u>

phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal, OR<sup>2</sup> or NR<sup>2</sup>COA, or a monocyclic unsubstituted, saturated carbocycle<del>, and</del>

- 6. (Currently Amended): <u>A compound Compounds</u> according to Claim 1, in which Q is absent or denotes O or CH<sub>2</sub>, and pharmaceutically usable derivatives, solvates, salts and stereoisomers thereof, including mixtures thereof in all ratios.
- 7. (Currently Amended): <u>A compound Compounds</u> according to Claim 1, in which Ar denotes phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal, A, OR<sup>2</sup>, NR<sup>2</sup>COA, SO<sub>2</sub>A, SO<sub>2</sub>NH<sub>2</sub>, COOR<sup>2</sup> or CN<del>, and pharmaceutically usable derivatives, solvates, salts and stereoisomers thereof, including mixtures thereof in all ratios.</del>
- 8. (Currently Amended): <u>A compound Compounds</u> according to Claim 1, according to Claim 1 in which Ar denotes phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal, A, OR<sup>3</sup> or NR<sup>3</sup>COA<del>, and pharmaceutically usable derivatives, solvates, salts and stereoisomers thereof, including mixtures thereof in all ratios.</del>
- 9. (Currently Amended): <u>A compound Compounds</u> according to Claim 1, in which R<sup>1</sup> denotes Ar, Het, cycloalkyl or A, which may be monosubstituted by OR<sup>2</sup>, and pharmaceutically usable derivatives, solvates, salts and stereoisomers thereof, including mixtures thereof in all ratios.
- 10. (Currently Amended): A compound Compounds according to Claim 1, in which R<sup>1</sup> denotes phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal, OH or OA, a monocyclic aromatic heterocycle having 1 to 2 N, O and/or S atoms, or A, which may be monosubstituted by OR<sup>3</sup>, and pharmaceutically usable derivatives, solvates, salts and stereoisomers thereof, including mixtures thereof in all ratios.
- 11. (Currently Amended): <u>A compound Compounds</u> according to Claim 1, in which Het denotes a mono- or bicyclic saturated, unsaturated or aromatic heterocycle having 1 to 2 N, O and/or S atoms, which may be unsubstituted or mono- or disubstituted by A or carbonyl oxygen (=O), and pharmaceutically usable derivatives, solvates, salts and stereo-isomers thereof, including mixtures thereof in all ratios.

- 12. (Currently Amended): <u>A compound Compounds</u> according to Claim 1, in which Y denotes O, and pharmaceutically usable derivatives, solvates, salts and stereoisomers thereof, including mixtures thereof in all ratios.
- 13. (Currently Amended): <u>A compound Compounds</u> according to Claim 1, in which X denotes NR<sup>3'</sup> or O, <u>and</u> R<sup>3'</sup> denotes H, and pharmaceutically usable derivatives, solvates, salts and stereoisomers thereof, including mixtures thereof in all ratios.
- 14. (Currently Amended): <u>A compound Compounds</u> according to Claim 1, in which Z [[,]] <u>and Z' each</u> denote ethylene, and pharmaceutically usable derivatives, solvates, salts and stereoisomers thereof, including mixtures thereof in all ratios.
- 15. (Currently Amended): <u>A compound Compounds</u> according to Claim 1, in which T denotes

a monocyclic saturated or aromatic heterocycle having 1 to 2 N and/or O atoms, which may be unsubstituted or mono- or disubstituted by A or carbonyl oxygen (=O),

phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal, OH, OA or NHCOA, or a monocyclic unsubstituted, saturated carbocycle<del>, and</del>

- 16. (Currently Amended): <u>A compound Compounds</u> according to Claim 1, in which A denotes unbranched or branched alkyl having 1-10 C atoms, in which 1-7 H atoms may be replaced by F, and pharmaceutically usable derivatives, solvates, salts and stereo-isomers thereof, including mixtures thereof in all ratios.
- 17. (Currently Amended): <u>A compound Compounds</u> according to Claim 1, in which
  - D denotes phenyl which is unsubstituted or mono- or disubstituted by Hal, A,  $OR^2 \ or \ COOR^2, \ or \ pyridyl \ which \ is \ unsubstituted \ or \ monosubstituted \ by \ Hal,$

- X denotes  $NR^3$  or O,
- Y denotes O.
- R<sup>1</sup> denotes Ar, Het, cycloalkyl or A, which may be monosubstituted by OR<sup>2</sup>,
- E denotes CH or N,
- Z, Z' each denote ethylene,
- Q is absent or denotes O or  $CH_2$ ,
- R<sup>2</sup> denotes H or A,
- R<sup>3</sup> denotes H or A,
- R<sup>4</sup>, R<sup>4'</sup> each, independently of one another, is absent or denote A, OH or OA, <u>or</u> R<sup>4</sup> and R<sup>4'</sup> together <del>also</del> denote methylene or ethylene,
- T denotes a monocyclic saturated or aromatic heterocycle having 1 to 2 N and/or O atoms, which may be unsubstituted or mono- or disubstituted by A or carbonyl oxygen (=O), phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal, OH, OA or NHCOA, or a monocyclic unsubstituted, saturated carbocycle,
- A denotes unbranched or branched alkyl having 1-10 C atoms, in which 1-7 H atoms may be replaced by F,
- Ar denotes phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal, A, OR<sup>2</sup>, NR<sup>2</sup>COA, SO<sub>2</sub>A, SO<sub>2</sub>NH<sub>2</sub>, COOR<sup>2</sup> or CN,
- Het denotes a mono- or bicyclic saturated, unsaturated or aromatic heterocycle having 1 to 2 N, O and/or S atoms, which may be unsubstituted or mono- or disubstituted by A or carbonyl oxygen (=O),
- Hal denotes F, Cl, Br or I, and
- p denotes 1, 2, 3, 4 or 5, and

- 18. (Currently Amended): <u>A compound Compounds</u> according to Claim 1, in which
  - D denotes phenyl which is monosubstituted by Hal,
  - X denotes  $NR^{3'}$  or O,

- Y denotes O,
- R<sup>1</sup> denotes phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal,
  OH or OA, a monocyclic aromatic heterocycle having 1 to 2 N, O and/or S
  atoms, or A, which may be monosubstituted by OR<sup>3</sup>,
- R<sup>3'</sup> denotes H,
- E denotes CH or N,
- Z, Z' each denote ethylene,
- Q is absent or denotes O or  $CH_2$ ,
- R<sup>2</sup> denotes H or A,
- R<sup>3</sup> denotes H or A,
- $R^4$ ,  $R^{4'}$  each, independently of one another, is absent or denote A, OH or OA, <u>or</u>  $R^4$  and  $R^{4'}$  together also denote methylene or ethylene,
- T denotes a monocyclic saturated or aromatic heterocycle having 1 to 2 N and/or O atoms, which may be unsubstituted or mono- or disubstituted by A or carbonyl oxygen (=O), phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal, OH, OA or NHCOA, or a monocyclic unsubstituted, saturated carbocycle,
- A denotes unbranched or branched alkyl having 1-10 C atoms, in which 1-7 H atoms may be replaced by F, and
- Hal denotes F, Cl, Br or I,
- and pharmaceutically usable derivatives, solvates, salts and stereoisomers thereof, including mixtures thereof in all ratios.
- 19. (Currently Amended): <u>A compound Compounds</u> according to Claim 1, in which
  - D denotes phenyl which is monosubstituted by Hal,
  - X denotes  $NR^{3'}$  or O.
  - Y denotes O,
  - R<sup>1</sup> denotes thienyl, furyl, phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal, OH or OA,

or

A, which may be monosubstituted by OR<sup>3</sup>,

R<sup>3</sup> denotes H or A,

R<sup>3'</sup> denotes H,

E denotes CH or N,

Z, Z' each denote ethylene,

Q is absent or denotes O or  $CH_2$ ,

R<sup>2</sup> denotes H or A,

R<sup>3</sup> denotes H or A,

 $R^4$ ,  $R^{4'}$  each, independently of one another, is absent or denote A, OH or OA, <u>or</u>  $R^4$  and  $R^{4'}$  together also denote methylene or ethylene,

denotes piperidinyl, piperazinyl, pyridinyl, 2-oxopiperidin-1-yl, 2-oxo-1*H*-pyridin-1-yl, 3-oxomorpholin-4-yl, morpholin-4-yl, 4-oxo-1*H*-pyridin-1-yl, 2,6-dioxopiperidin1-yl, 2-oxo-piperazin-1-yl, 2,6-dioxopiperazin1-yl, 2,5-dioxopyrrolidin-1-yl, 2-oxo-1,3-oxazolidin-3-yl, pyridazinyl, 3-oxo-2*H*-pyridazin-2-yl, 2-caprolactam-1-yl (= 2-oxoazepan-1-yl), 6-oxopiperazin-1-yl, 2-azabicyclo[2.2.2]octan-3-on-2-yl, 5,6-dihydro-1*H*-pyrimidin-2-oxo-1-yl, 2-oxo-1,3-oxazinan-3-yl or 4*H*-1,4-oxazin-4-yl, where the radicals may additionally be monosubstituted by A, phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal, OH, OA or NHCOA,

or a monocyclic unsubstituted, saturated carbocycle,

A denotes unbranched or branched alkyl having 1-10 C atoms, in which 1-7 H atoms may be replaced by F, and

Hal denotes F, Cl, Br or I, and

pharmaceutically usable derivatives, solvates, salts and stereoisomers thereof, including mixtures thereof in all ratios.

20. (Currently Amended): <u>A compound Compounds</u> according to Claim 1, in which

- D denotes phenyl which is monosubstituted by Hal,
- X denotes  $NR^{3'}$  or O,
- Y denotes O,
- R<sup>1</sup> denotes thienyl, furyl, phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal, OH or OA,

or

A, which may be monosubstituted by OR<sup>3</sup>,

- R<sup>3</sup> denotes H or A,
- R<sup>3'</sup> denotes H,
- E denotes CH or N,
- Z denotes ethylene,
- Z' denotes ethylene,
- Q is absent or denotes O or  $CH_2$ ,
- R<sup>2</sup> denotes H or A,
- R<sup>3</sup> denotes H or A,
- R<sup>4</sup>, R<sup>4'</sup> is absent, or R<sup>4</sup> and R<sup>4'</sup> together also denote methylene or ethylene,
- T denotes piperidin-1- or 4-yl, piperazinyl, morpholin-4-yl,
  each of which is unsubstituted or monosubstituted by A and/or carbonyl
  oxygen (=O),
  or unsubstituted cyclohexyl,
- A denotes unbranched or branched alkyl having 1-10 C atoms, in which 1-7 H atoms may be replaced by F, and
- Hal denotes F, Cl, Br or I, and

- 21. (Currently Amended): <u>A compound according Compounds</u> according to Claim 1, wherein said compound is selected from:
- $(R) \hbox{-} 1 \hbox{-} (4 \hbox{-} chlorophenyl) \hbox{-} 3 \hbox{-} [2 \hbox{-} (1' \hbox{-} methyl \hbox{-} 4,4' \hbox{-} bipiperidinyl \hbox{-} 1 \hbox{-} yl) \hbox{-} 2 \hbox{-} oxo \hbox{-} 1 \hbox{-} phenylethyl] urea,$

- $(R)-1-(4-chlorophenyl)-3-\{2-[4-(4-fluorophenyl)piperazin-1-yl]-2-oxo-1-phenylethyl\}urea,$
- $(R)-1-(4-chlorophenyl)-3-\{2-[4-(4-fluorophenoxy)piperidin-1-yl]-2-oxo-1-phenylethyl\}urea\ ,$
- $(R) \hbox{-} 1 \hbox{-} (4 \hbox{-} chlorophenyl) \hbox{-} 3 \hbox{-} [2 \hbox{-} oxo \hbox{-} 1 \hbox{-} phenyl \hbox{-} 2 \hbox{-} (4 \hbox{-} pyridin \hbox{-} 4 \hbox{-} ylpiperazin \hbox{-} 1 \hbox{-} yl) ethyl] urea bistrifluoroacetate,}$
- $(R)-1-(4-chlorophenyl)-3-\{2-[4-(1-methylpiperidin-4-yl)piperazin-1-yl]-2-oxo-1-phenylethyl\}urea bistrifluoroacetate,$
- (R)-1-(4-chlorophenyl)-3-{2-[4-(4-ethylpiperazin-1-yl)piperidin-1-yl]-2-oxo-1-phenylethyl}urea bistrifluoroacetate,
- (R)-1-(4-chlorophenyl)-3-[2-oxo-1-phenyl-2-(4-pyridin-3-ylmethylpiperazin-1-yl)-ethyl] urea bistrifluoroacetate,
- $(R,R)-1-(4-chlorophenyl)-3-\{2-methoxy-1-[1-(4-pyridin-4-ylpiperazin-1-yl)-methanoyl] propyl\} urea bistrifluoroacetate,\\$
- $(R,R)-1-(4-chlorophenyl)-3-(2-methoxy-1-\{1-[4-(1-methylpiperidin-4-yl)piperazin-1-yl]methanoyl\} propyl) urea bistrifluoroacetate,\\$
- $(R,R)-1-(4-chlorophenyl)-3-\{2-methoxy-1-[1-(1'-methyl-4,4'-bipiperidinyl-1-yl)-methanoyl]$ propyl $\{urea\ trifluoroacetate,$ 
  - (R)-1-(4-chlorophenyl)-3-[2-oxo-1-phenyl-2-(4-pyridin-4-ylpiperazin-1-yl)ethyl]urea,
  - (R)-1-(4-chlorophenyl)-3-[1-(4-pyridin-4-ylpiperazine-1-carbonyl)butyl]urea,
- $(R)-1-(4-chlorophenyl)-3-\{2-[4-hydroxy-4-(4-methoxyphenyl)piperidin-1-yl]-2-oxo-1-phenylethyl\}urea,\\$
- $(R)-1-(4-chlorophenyl)-3-\{2-[4-(2-methoxyphenyl)piperazin-1-yl]-2-oxo-1-phenylethyl\}urea,\\$
- $(R)-N-[4-(1-\{2-[3-(4-chlorophenyl)ure ido]-2-phenyle than oyl\}piper idin-4-ylmethyl)-phenyl] acetamide,$
- $(R) 1 (4 chlorophenyl) 3 \{2 oxo 1 phenyl 2 [4 (1 phenylmethanoyl)piperidin 1 yl] ethyl\}urea,$ 
  - (R)-1-(4-chlorophenyl)-3-[2-oxo-1-phenyl-2-(4-pyridin-2-ylpiperazin-1-yl)ethyl]urea,
  - (R)-1-[2-(4-benzylpiperazin-1-yl)-2-oxo-1-phenylethyl]-3-(4-chlorophenyl)urea,

- $(R)-1-(4-chlorophenyl)-3-\{2-[5-(4-fluorophenyl)-2,5-diazabicyclo[2.2.1]hept-2-yl]-2-oxo-1-phenylethyl\}urea,$
- $(R)-1-(4-chlorophenyl)-3-\{2-[4-(4,6-dimethylpyrimidin-2-yl)piperazin-1-yl]-2-oxo-1-phenylethyl\}urea,$ 
  - (R,S)-1-[2-(3-benzylpiperidin-1-yl)-2-oxo-1-phenylethyl]-3-(4-chlorophenyl)urea,
- $(S,S)-1-(4-chlorophenyl)-3-\{2-hydroxy-1-[1-(4-pyridin-4-ylpiperazin-1-yl)-methanoyl]propyl\}urea,\\$
- $(S,S)-1-(4-chlorophenyl)-3-(2-hydroxy-1-\{1-[4-(1-methylpiperidin-4-yl)piperazin-1-yl]methanoyl\}propyl)urea,$
- $(R,R)-1-(4-chlorophenyl)-3-\{2-methoxy-1-[1-(4-pyridin-3-ylmethylpiperazin-1-yl)-methanoyl] propyl\}urea bistrifluoroacetate,\\$
- (R)-1-(4-chlorophenyl)-3-[2-oxo-1-phenyl-2-(4-pyridin-4-ylpiperazin-1-yl)ethyl] ure a bistrifluoroacetate,
- $(R,R)-1-(4-chlorophenyl)-3-(1-\{1-[4-(4-ethylpiperazin-1-yl)piperidin-1-yl]-methanoyl\}-2-methoxypropyl)urea bistrifluoroacetate,$
- (R)-1-(4-chlorophenyl)-3-{2-[4-(1-methylpiperidin-4-yl)piperazin-1-yl]-2-oxo-1-phenylethyl}urea bistrifluoroacetate,
- (R)-1-(2-4,4'-bipiperidinyl-1-yl-2-oxo-1-phenylethyl)-3-(4-chlorophenyl)urea hydrochloride,
- (R)-1-[2-4,4'-bipiperidinyl-1-yl-1-(4-hydroxyphenyl)-2-oxoethyl]-3-(4-chlorophenyl)-urea hydrochloride,
- (R)-1-(2-4,4'-bipiperidinyl-1-yl-2-oxo-1-thiophen-2-ylethyl)-3-(4-chlorophenyl)urea hydrochloride,
- (R)-1-(4-chlorophenyl)-3-[1-(4-hydroxyphenyl)-2-(1'-methyl-4,4'-bipiperidinyl-1-yl)-2-oxoethyl] urea trifluoroacetate,
- (R)-1-(4-chlorophenyl)-3-[2-(1'-methyl-4,4'-bipiperidinyl-1-yl)-2-oxo-1-thiophen-2-ylethyl]urea trifluoroacetate,
- (R)-1-(4-chlorophenyl)-3-[1-(4-hydroxyphenyl)-2-(4-morpholin-4-ylpiperidin-1-yl)-2-oxoethyl]urea trifluoroacetate,
- $1\hbox{-}[2\hbox{-}[1,4'] bipiperidinyl-1'-yl-1-(4-hydroxyphenyl)-2-oxoethyl]-3-(4-chlorophenyl)-urea,$

- $(R) \hbox{-} 1 \hbox{-} (4 \hbox{-} chlorophenyl) \hbox{-} 3 \hbox{-} [2 \hbox{-} (4 \hbox{-} morpholin-4 \hbox{-} ylpiperidin-1 \hbox{-} yl) \hbox{-} 2 \hbox{-} oxo \hbox{-} 1 \hbox{-} phenylethyl] urea trifluoroacetate,}$
- $(R) \hbox{-} 1 \hbox{-} (2 \hbox{-} [1,4'] bipiper idinyl-1'-yl-2-oxo-1-phenylethyl)-3-(4-chlorophenyl) ure a trifluoroacetate,$
- (R)-1-(4-chlorophenyl)-3-[2-(4-cyclohexylpiperazin-1-yl)-1-(4-hydroxyphenyl)-2-oxoethyl] urea trifluoroacetate,
- $(R) \hbox{-} 1 \hbox{-} (4 \hbox{-} chlorophenyl) \hbox{-} 3 \hbox{-} [2 \hbox{-} (4 \hbox{-} cyclohexylpiperazin-1-yl) \hbox{-} 2 \hbox{-} oxo-1 \hbox{-} phenylethyl] ure a trifluoroacetate, \\$
- (R)-1-(4-chlorophenyl)-3-{1-(4-hydroxyphenyl)-2-[4-(4-methylpiperazin-1-yl)-piperidin-1-yl]-2-oxoethyl}urea bistrifluoroacetate,
- (R)-1-(4-chlorophenyl)-3-{2-[4-(4-methylpiperazin-1-yl)piperidin-1-yl]-2-oxo-1-phenylethyl}urea bistrifluoroacetate,
- (R)-1-(4-chlorophenyl)-3-[2-(4-morpholin-4-ylpiperidin-1-yl)-2-oxo-1-thiophen-2-ylethyl]urea trifluoroacetate,
- (R)-1-(2-[1,4']bipiperidinyl-1'-yl-2-oxo-1-thiophen-2-ylethyl)-3-(4-chlorophenyl)urea trifluoroacetate,
- (R)-1-(4-chlorophenyl)-3-[2-(4-cyclohexylpiperazin-1-yl)-2-oxo-1-thiophen-2-ylethyl] urea trifluoroacetate,
- $(R)-1-(4-chlorophenyl)-3-\{2-[4-(4-methylpiperazin-1-yl)piperidin-1-yl]-2-oxo-1-thiophen-2-ylethyl\}urea bistrifluoroacetate,$
- $(R)\hbox{-}1\hbox{-}(4\hbox{-}chlorophenyl)\hbox{-}3\hbox{-}[2\hbox{-}(1'\hbox{-}methyl\hbox{-}4,4'\hbox{-}bipiperidinyl\hbox{-}1\hbox{-}yl)\hbox{-}2\hbox{-}oxo\hbox{-}1\hbox{-}(2-chlorophenyl)ethyl]urea,}$
- (R) 1 (4-chlorophenyl) 3 [2 (4,4'-bipiperidinyl-1-yl) 2-oxo-1 (2-chlorophenyl) ethyl] urea,
- (R)-1-(4-chlorophenyl)-3-[1-(2-chlorophenyl)-2-(1'-methyl-2'-oxo-4,4'-bipiperidinyl-1-yl)-2-oxoethyl]urea,
- (R)-1-(4-chlorophenyl)-3-[1-phenyl-2-(1'-methyl-2'-oxo-4,4'-bipiperidinyl-1-yl)-2-oxoethyl]urea,
- 2-(1'-methyl-4,4'-bipiperidinyl-1-yl)-2-oxo-1-phenylethyl (R)-4-chlorophenyl)-carbamate,
  - 2-oxo-1-phenyl-2-(4-pyridin-4-ylpiperazin-1-yl)ethyl (R)-(4-chlorophenyl)carbamate,

- 2-4,4'-bipiperidinyl-1-yl-1-(2-chlorophenyl)-2-oxoethyl (R)-(4-chlorophenyl)-carbamate hydrochloride,
- 2-4,4'-bipiperidinyl-1-yl-2-oxo-1-phenylethyl (R)-(4-chlorophenyl)carbamate hydrochloride,
- 1-(2-chlorophenyl)-2-(1'-methyl-4,4'-bipiperidinyl-1-yl)-2-oxoethyl (R)-(4-chlorophenyl)carbamate trifluoroacetate,
- $1-(2-chlorophenyl)-2-(4-morpholin-4-ylpiperidin-1-yl)-2-oxoethyl\ (R)-(4-chlorophenyl) carbamate\ trifluoroacetate,$
- 2-[1,4']bipiperidinyl-1'-yl-1-(2-chlorophenyl)-2-oxoethyl (R)-(4-chlorophenyl)-carbamate trifluoroacetate,
- 2-(4-morpholin-4-ylpiperidin-1-yl)-2-oxo-1-phenylethyl (R)-(4-chlorophenyl)-carbamate trifluoroacetate,
- 2-[1,4']bipiperidinyl-1'-yl-2-oxo-1-phenylethyl (R)-(4-chlorophenyl)carbamate trifluoroacetate,
- 1-(2-chlorophenyl)-2-(4-cyclohexylpiperazin-1-yl)-2-oxoethyl (R)-(4-chlorophenyl)-carbamate trifluoroacetate,
- $2\hbox{-}(4\hbox{-}cyclohexylpiperazin-1-yl)-2\hbox{-}oxo-1\hbox{-}phenylethyl\ (R)-(4\hbox{-}chlorophenyl) carbamate trifluoroacetate,}$
- 1-(2-chlorophenyl)-2-[4-(4-methylpiperazin-1-yl)piperidin-1-yl]-2-oxoethyl (R)-(4-chlorophenyl)carbamate bistrifluoroacetate,
- 2-[4-(4-methylpiperazin-1-yl)piperidin-1-yl]-2-oxo-1-phenylethyl (R)-(4-chlorophenyl)carbamate bistrifluoroacetate,
- 1-(2,3-difluorophenyl)-2-(1'-methyl-4,4'-bipiperidinyl-1-yl)-2-oxoethyl (R)-(4-chlorophenyl)carbamate,
- $1-(2-fluor ophenyl)-2-(1'-methyl-4,4'-bipiperidinyl-1-yl)-2-oxoethyl\ (R)-(4-chlor ophenyl) carbamate,$
- 1-(2-methoxyphenyl)-2-(1'-methyl-4,4'-bipiperidinyl-1-yl)-2-oxoethyl (R)-(4-chlorophenyl)carbamate,

- 22. (Currently Amended): <u>A process</u> Process for the preparation of <u>a compound</u> compounds of the formula I according to Claim 1, said process comprising and pharmaceutically usable derivatives, solvates and stereoisomers thereof, characterised in that
  - a) for the preparation of compounds of the formula I in which

X denotes NH and

Y denotes O,

reacting a compound of the formula II

$$\begin{array}{c|c}
R^1 & R^4 \\
\hline
 & X \\
 & Z' \\
 & R^{4'}
\end{array}$$

in which

R<sup>4</sup>, R<sup>4</sup>, R<sup>4</sup>, E, Q, T, Z and Z' have the meanings indicated in Claim 1,

is reacted with a compound of the formula III

$$D-N=C=O$$

in which

D has the meaning indicated in Claim 1,

or

b) for the preparation of compounds of the formula I in which

X and Y denote O,

in which W, Y and T have the meaning indicated in Claim 1,

is reacted with a compound of the formula V

$$\begin{array}{c|c} D & & \\ & & \\ P & & \\ \end{array}$$

in which

X and Y denote O, and

L denotes Cl, Br, I or a free or reactively functionally modified OH group and R<sup>4</sup> and D have the meanings indicated in Claim 1,

and/or a base or acid of the formula I is converted into one of its salts.

- 23. (Currently Amended): A method of inhibiting Compounds of the formula I according to Claim 1 as inhibitors of coagulation factor Xa in a patient, comprising administering to said patient an effective amount of a compound of claim 1.
- 24. (Previously Presented): <u>A method of inhibiting Compounds of the formula I according to Claim 1 as inhibitors of coagulation factor VIIa in a patient, comprising administering to said patient an effective amount of a compound of claim 1.</u>
- 25. (Currently Amended): <u>A pharmaceutical composition comprising a</u>

  Medicaments comprising at least one compound of the formula I according to Claim 1 and/or

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pharmaceutically usable derivatives, solvates and stereoisomers thereof, including mixtures thereof in all ratios, and optionally one or more excipients and/or adjuvants.

- 26. (Currently Amended): A pharmaceutical composition comprising a Medicaments comprising at least one compound of the formula I according to Claim 1 and/or pharmaceutically usable derivatives, solvates and stereoisomers thereof, including mixtures thereof in all ratios, and at least one further medicament active ingredient.
- 27. (Currently Amended): A method of treating a patient suffering from Use of compounds according to Claim 1 and/or physiologically acceptable salts and solvates thereof for the preparation of a medicament for the treatment of thromboses, myocardial infarction, arteriosclerosis, inflammation, apoplexy, angina pectoris, restenosis after angioplasty, claudicatio intermittens, migraine, tumours, tumour diseases and/or tumour metastases, said method comprising administering to said patient an effective amount of a compound according to claim 1.
- 28. (Currently Amended): A kit comprising Set (kit) consisting of a first and second separate packs of, said first pack containing (a) an effective amount of a compound of the formula I according to Claim 1 and/or pharmaceutically usable derivatives, solvates and stereoisomers thereof, including mixtures thereof in all ratios, and said second pack containing (b) an effective amount of a further medicament active ingredient.
- 29. (Currently Amended): A method according to claim 27, further comprising administering to said patient Use of compounds of the formula I according to Claim 1 and/or pharmaceutically usable derivatives, solvates and stereoisomers thereof, including mixtures thereof in all ratios,

for the preparation of a medicament for the treatment of thromboses, myocardial infarction, arteriosclerosis, inflammation, apoplexy, angina pectoris, restenosis after angioplasty, claudicatio intermittens, migraine, tumours, tumour diseases and/or tumour metastases,

in combination with at least one further medicament active ingredient.

- 30. (New): A compound according to claim 1, wherein E is or N, Z and Z' are each ethylene, and Q is absent.
  - 31. (New): A compound according to claim 30, wherein X is NR<sup>3</sup> and Y is O.
- 32. (New): A compound according to claim 30, wherein T is piperidin-1- or 4-yl, which is unsubstituted or monosubstituted by A and/or carbonyl oxygen (=O).
- 33. (New): A compound according to claim 31, wherein T is piperidin-1- or 4-yl, which is unsubstituted or monosubstituted by A and/or carbonyl oxygen (=O).
- 34. (New): A compound according to claim 30, wherein R<sup>1</sup> is phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal, OH, or OA.
- 35. (New): A compound according to claim 33, wherein R<sup>1</sup> is phenyl which is unsubstituted or mono-, di- or trisubstituted by Hal, OH, or OA.
- 36. (New): A compound according to claim 30, wherein D is phenyl which is unsubstituted or mono- or disubstituted by Hal, A, hydroxyl, methoxy, ethoxy, hydroxycarbonyl, methoxycarbonyl or ethoxycarbonyl.
- 37. (New): A compound according to claim 35, wherein D is phenyl which is unsubstituted or mono- or disubstituted by Hal, A, hydroxyl, methoxy, ethoxy, hydroxycarbonyl, methoxycarbonyl or ethoxycarbonyl.